Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

VOLUME XIV NUMBER 4

JULY 1911

THE BRYOLOGIST

JOURNAL OF THE

SULLIVANT MOSS SOCIETY

Conducted and Published for the Society by

ABEL JOEL GROUT, Ph. D., Editor-in-Chief

Associate Editors

GEORGE N. BEST, M. D. JOHN M. HOLZINGER, M. S.

ALEXANDER W. EVANS, Ph. D. LINCOLN W. RIDDLE, Ph. D.

Advisory Board Officers of the Society

CONTENTS

Some Stages in the Development of Pellia epiphylla, (*Illustrated*) - - - *Helen E. Greenwood* 59

Austinella, a New Genus, (*Illustrated*) - *R. S. Williams* 70

Notes on North American Sphagnum, *A. LeRoy Andrews* 72

Musci Acrocarpi Boreali-Americani, (*Review*) *A. J. Grout* 75

Exchange Department, - - - - 76

Published for the Society at New Dorp, Richmond County, New York

Entered as Second Class Matter at the Post Office at New Dorp, N. Y., under Act of Congress of March 3, 1879.

Press of the Goshen (N. Y.) Democrat.

THE BRYOLOGIST

Bimonthly Journal of The Sullivant Moss Society

DEVOTED MAINLY TO THE STUDY OF NORTH AMERICAN MOSSES, HEPATICS AND LICHENS

Price in the U. S., $1.25. To all other countries, $1.35

Single copies, 25c. Vols. I-XIII, 1898-1910, $10.50

TEN YEAR INDEX, $1.00

Checks, except on New York, MUST contain 10c. extra for collection fee. Send subscriptions to the Treasurer, Mrs. Annie Morrill Smith, 78 Orange Street, Brooklyn, N. Y. Address all manuscripts and advertisements to Dr. A. J. Grout, New Dorp, Richmond County, N. Y.

ADVISORY BOARD

OFFICERS OF THE SULLIVANT MOSS SOCIETY

President—Dr. Alexander W. Evans, - - Yale University
New Haven, Conn.

Vice President—Miss Caroline Coventry Haynes, 16 E. 36th Street,
New York City, or Highlands, New Jersey.

Secretary—Mr. N. L. T. Nelson, - - Des Moines College
Des Moines, Iowa.

Treasurer—Mrs. Annie Morrill Smith, - - 78 Orange Street
Brooklyn, N. Y.

Curators of Herbaria—Mr. George B. Kaiser, *Mosses,* 524 Locust Avenue, Germantown, Pa.; Dr. G. H. Conklin, *Hepatics,* 1204 Tower Ave., Superior, Wis.; Miss M. F. Miller, *Lichens,* R. F. D. 4, Washington, D. C.; Mr. E. B. Chamberlain, *Foreign Exchanges,* 38 W. 59th St., N. Y. City.

All material for identification should be sent to the respective curators, also all correspondence relating to the Exchange Department.